


WELCOME TO THE NASA INTERNSHIP PROGRAM SESSION




Important Info about engaging during this meeting




We are looking forward to constructive and respectful interaction.



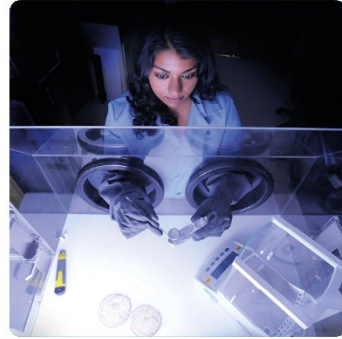
We will actively use the **Q&A feature** of WebEx. Use that to submit questions to the NASA speakers and provide responses, suggestions or ideas to NASA.



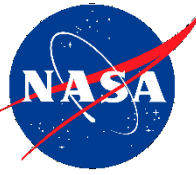
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With the exception of the NASA speakers, all microphones will be muted.



National Aeronautics and
Space Administration



NASA STEM ENGAGEMENT

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RESEARCH AND EDUCATION PROJECT



INSPIRE - ENGAGE - EDUCATE - EMPLOY
The Next Generation of Explorers

WELCOME! WHO IS ON THE LINE WITH US?

A WebEx Poll is available on the right-hand side of your screen. Please click on that to access the poll.

- I am a student-attending a Minority Serving Institution (MSI)
- I am a faculty member affiliated with a Minority Serving Institution (MSI)
- I am a student attending a higher education institution which is NOT an MSI
- I am a faculty member with a higher education institution which is NOT an MSI
- I work in industry
- I work in K-12 education
- Other
- Prefer not to respond



NASA STEM ENGAGEMENT



VISION

We immerse students in NASA's work, enhance STEM literacy, and inspire the next generation to explore.

MISSION

We engage students in NASA's mission

Strategic Goals



Create **unique opportunities** for a diverse set of students to contribute to NASA's work in exploration and discovery.



Build a **diverse future STEM workforce** by engaging students in authentic learning **experiences** with NASA's people, content, and facilities.



Attract diverse groups of students to STEM through learning opportunities that **spark interest** and **provide connections** to NASA's mission and work.

COMMITMENT TO DIVERSITY



NASA Internships is committed to the Agency's goal of building a diverse future STEM workforce by engaging students in authentic learning experiences with NASA's people, content, and facilities.

"We are committed to re-examining our practices and implementing thoughtful approaches to improve our reach to underserved and underrepresented students and affect real changes."

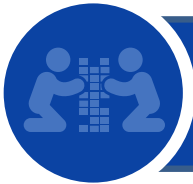
- Mike Kincaid

Associate Administrator

PROJECT OVERVIEW

MUREP

Using NASA's content to build capacity and competitiveness of MSIs with a focus on student success.



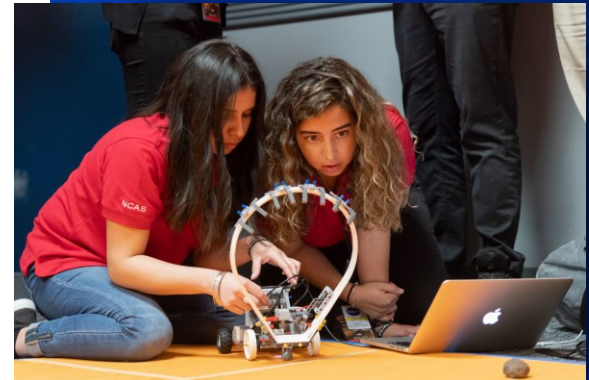
Building MSI Capacity and Competitiveness

- Develop and fostering MSI research capability in partnership with MDs
- Examples include:
 - MIRO: 20 awards for enhanced research opportunities
 - M-STAR: 15 Planning Grants in partnership with STMD to support Space Technology Opportunities.



Engaging MSI Students for STEM Degree Attainment

- Provide underrepresented and underserved students access to NASA content, people and places specifically related to STEM-based research and educational opportunities
- Examples include:
 - Competitions, challenges, internships and fellowships
 - NCAS: Engages Community College students in online course and unique hands-on NASA experiences.



OSTEM INTERNSHIPS PROGRAM

Key Elements:

- U.S. Citizen
- Cumulative 3.00 GPA (on a 4.0 scale)
- Full –time student
- 16+ years of age
- Stipend payment
- Sessions: Summer, Fall and Spring

Virtual internships available

WE MAY HAVE EXACTLY WHAT YOU ARE SEARCHING FOR!



NASA'S INTERNSHIP PROGRAMS

NASA's internship programs provide training, mentoring, and career development opportunities while working with the best science, engineering, financial, information technology and business minds in the world.

ARE YOU READY TO EXPLORE THE EXTRAORDINARY?

NASA STEM Engagement National Aeronautics and Space Administration

Apply For An Internship Today! Fall 2020 Application Deadline: July 6 Apply For An Internship

INTERN

Being an astronaut isn't the only cool thing about space. Interns use their creativity and innovation to work on projects impacting NASA's mission, such as returning to the Moon by 2024. As a NASA intern, you will be part of an amazing team that is dedicated to space exploration. You will work with leading experts and gain valuable experience as you participate in research and mission projects. Come dream with us and change the future. Applicants for this internship must be U.S. citizens.

CLICK HERE TO APPLY TODAY!

[f](#) [i](#) [t](#) [B](#) [e](#)

Connect with NASA Internships

For technical issues with completing your application:
Please contact: NASA-Internships Help Desk.



EXPLORE NASA INTERNSHIPS

- > Opportunities / Projects
- > Meet Our Interns
- > Virtual Career Fair
- > Learn more about Artemis

"EVERY DAY YOU ARE A PART OF A BIGGER MISSION, A BIGGER PLAN, SOMETHING THAT YOU NEVER THOUGHT YOU WOULD BE CAPABLE OF ACHIEVING." – ISABELLA (INTERN), AMES RESEARCH CENTER



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INTERNSHIP DE&I FOCUS

FY 21-23 Action Plan

1

Identify barriers and inequalities in the recruitment and selection process

2

Increase outreach with minority-serving institutions

3

Build awareness through partnerships with internal and external stakeholders

4

Strengthen practices and systems Agency-wide

5

Establish a full-time MUREP internship coordinator

6

Increase HBCU placements 25% by FY22 –
accomplished in FY 21

EVALUATING INTERNSHIP PROGRAM AND PROCESSES

Generate and use evidence in support of understanding “*How have NASA STEM Engagement investments broadened participation of historically underrepresented and underserved groups in STEM fields in NASA STEM Engagement activities?*”

FY20

Diversity Deep Dive Study

Evaluate how NASA STEM Engagement investments have broadened participation of underserved and underrepresented groups in STEM fields.

FY21

Career Readiness Assessment

Expands upon the FY20 Longitudinal Pilot Study and includes an investigation of career-readiness of early career NASA STEM professionals who had NASA internships prior to their employment, as compared to those who did not.

FY21 - FY22

Internship Outcome Assessment

Expands upon the Diversity Deep Dive Study to measure students' immediate outcomes of participating in NASA Internships and assess differences based upon underrepresented group status.



RFI: ADVANCING RACIAL EQUITY AND SUPPORT FOR UNDERSERVED COMMUNITIES IN NASA PROGRAMS, CONTRACTS, AND GRANTS PROCESS

Diversity and Equal Opportunity at NASA and in the STEM Community

Eleven of 13 questions in this section focus on strategies and practices for internships or similar work-based learning experiences (e.g., research opportunities, coops, externships).

Request for Information on
Advancing Racial Equity and
Support for Underserved
Communities in NASA Programs,
Contracts and Grants Process

Use this QR Code to access the
NASA RFI




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DIVERSITY AND EQUAL OPPORTUNITY AT NASA AND IN THE STEM COMMUNITY

Question 6*

What **barriers or challenges** do institutions or organizations face in **recruiting diverse students from underserved communities** to apply to and participate in internships or similar work-based learning experiences (e.g., research opportunities, coops, externships)?

Question 7*

What **barriers or challenges** do institutions or organizations face in **retaining diverse students from underserved communities** who apply to and participate in internships or similar work-based learning experiences (e.g., research opportunities, coops, externships)?

Request for Information on
Advancing Racial Equity and
Support for Underserved
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Contracts and Grants Process

Use this QR Code to access the
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* Use the WebEx Q&A function to ask the panelists questions and provide your responses, suggestions or ideas to the RFI questions.



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DIVERSITY AND EQUAL OPPORTUNITY AT NASA AND IN THE STEM COMMUNITY

Question 9*

What **skills and competencies** are **intentionally being developed** through internships and similar work-based learning experiences (e.g., research opportunities, coops, externships)?

Question 13*

Does your institution offer any **formal training** to internship/work-based learning mentors around biases, anti-racism, or general DEIA?

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* Use the WebEx Q&A function to ask the panelists questions and provide your responses, suggestions or ideas to the RFI questions.



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REMINDER: RFI COMMENT PERIOD



Thank you for your participation!

We invite you to provide us additional comments by the RFI deadline of August 31, 2021.



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THANK YOU FOR JOINING US TODAY!

Please provide us some feedback through the WebEx Poll available on the right-hand side of your screen.

- I had an opportunity to contribute ideas and questions to this session and feel satisfied with the discussion.
- I had an opportunity to contribute ideas and questions but have lingering questions that were not addressed.
- I have already submitted comments to the RFI and this discussion encouraged me to submit additional thoughts.
- I have not submitted comments to the RFI but this discussion encouraged me to submit before the August deadline.
- I do not plan on submitting comments to the RFI.

THANK
YOU!



BACK-UP SLIDES



DIVERSITY AND EQUAL OPPORTUNITY AT NASA AND IN THE STEM COMMUNITY

RFI QUESTIONS (1 OF 2)

1. What strategies should NASA consider in creating more diverse and inclusive workforces and what best practices have been established to remove or lessen these challenges?
2. What strategies should NASA consider to ensure opportunity and accessibility to particular groups, such as individuals with disabilities, or limited English proficient individuals?
3. What best practices should NASA adopt in conducting outreach to members of underserved communities including to enhance employment and program participation opportunities?
4. What diversity, equity, inclusion, and accessibility (DEIA) strategies should NASA implement to broaden the applicant pool of historically underrepresented and underserved students in internships or similar work-based learning experiences (e.g., research opportunities, coops, externships)?
5. What DEIA strategies should NASA implement to increase the participation of historically underrepresented and underserved students in internships or similar work-based learning experiences (e.g., research opportunities, coops, externships)?
6. What barriers or challenges do institutions or organizations face in recruiting diverse students from underserved communities to apply to and participate in internships or similar work-based learning experiences (e.g., research opportunities, coops, externships)?
7. What barriers or challenges do institutions or organizations face in retaining diverse students from underserved communities who apply to and participate in internships or similar work-based learning experiences (e.g., research opportunities, coops, externships)?

DIVERSITY AND EQUAL OPPORTUNITY AT NASA AND IN THE STEM COMMUNITY

RFI QUESTIONS (2 OF 2)

8. What DEIA strategies should NASA use to implement virtual internships or similar work-based learning experiences (e.g., research opportunities, coops, externships)?
9. What skills and competencies are intentionally being developed through internships and similar work-based learning experiences (e.g., research opportunities, coops, externships)?
10. What barriers or challenges do institutions or organizations face when collecting data or performing assessments to understand the outcomes of DEIA strategy implementation for internships or similar work-based learning experiences (e.g., research opportunities, coops, externships)?
11. What types of data collection, analysis, and reporting mechanisms should NASA use to assess the effectiveness and outcomes of internships or similar work-based learning experiences?
12. Does your institution or organization have any affinity groups or committees to support diverse populations access STEM/internships/work-based learning experiences? How does your organization or institution define diversity?
13. Does your institution offer any formal training to internship/work-based learning mentors around biases, anti-racism, or general DEIA?

EVALUATING MUREP AND PROCESSES

Generate and use evidence in support of understanding “*How have NASA STEM Engagement investments broadened participation of historically underrepresented and underserved groups in STEM fields in NASA STEM Engagement activities?*”

FY20

MUREP Program-Level Evaluation Phase 1

Evaluation how and to what extent are MUREP activities align with federal mandates for MSIs and NASA STEM Engagement and MUREP priorities, goals and objectives.

FY21

MUREP Program-Level Evaluation Phase 2

Expands upon the FY20 MUREP Program-Level Evaluation (Phase 1) to examine how are MUREP activities addressing student engagement, partnerships and competitiveness of awardees?

Planned for FY22

MUREP Outcome Evaluation Planning

Based upon FY20 and FY21 evaluation findings and recommendations, develop framework/plan for MUREP outcome evaluation and plan for evidence-based execution.

